

ABSTRACT OF THE DISCLOSURE

A method and system for setting up a call in a CDMA mobile communication system, which is suitable for real time transmission of a fast data, such as a video data, between origination and termination mobile stations is disclosed. The method includes setting up a call between an origination side mobile station and a termination side mobile station, transferring bearer information between an origination base station controller (BSC) and a termination BSC through the set up call, to set up a bearer path between the two BSCs, transferring a data of a mobile station between the origination BSC and the termination BSC through the set up bearer path, and clearing the set up call and bearer path after the data is transferred.